

Form PTO-1449 (modified)

Atty. Docket No.

UTXC:569USC1/MCB

Serial No.

09/902,933

List of Patents and Publications for Applicant's

Applicant

Frederick F. Becker et al.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

July 10, 2001

Group:

1743

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
an	A1	4,390,403	6/28/83	Batchelder	204	547	
an	A2	4,418,346	11/29/83	Batchelder	345	107	
an	A3	4,619,670	10/28/86	Malcolm et al.	96	27	
an	A4	4,789,803	12/6/88	Jacobsen et al.	310	309	
an	A5	4,887,721	12/19/89	Martin et al.	205	579	
an	A6	4,896,174	1/23/90	Stearns	347	120	
an	A7	4,908,112	3/13/90	Pace	210	198.2	
an	A8	5,100,627	3/31/92	Buican et al.	422	108	
an	A9	5,126,022	6/30/92	Soane et al.	204	458	
an	A10	5,180,480	1/19/93	Manz	204	644	
an	A11	5,250,263	10/5/93	Manz	422	81	
an	A12	5,284,471	2/8/94	Sage	604	20	
an	A13	5,364,744	11/15/94	Buican et al.	430	321	
an	A14	5,454,472	10/3/95	Benecke et al.	209	127.1	
an	A15	5,489,506	2/6/96	Crane	435	2	
an	A16	5,532,129	7/2/96	Heller	435	6	
an	A17	5,565,322	10/15/96	Heller	435	6	
an	A18	5,580,435	12/3/96	Kovacs	204	603	
an	A19	5,585,069	12/17/96	Zanzucchi et al.	422	109	
an	A20	5,603,351	2/18/97	Cherukuri et al.	422	597	
an	A21	5,605,662	2/25/97	Heller et al.	422	597	

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Al. Negevala

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
an	A22	5,632,957	5/27/97	Heller et al.	422	68.1	9/09/94
an	A23	5,653,859	8/5/97	Parton et al.	204	450	11/20/95
an	A24	5,681,484	10/28/97	Zanzucchi et al.	216	2	5/31/95
an	A25	5,750,015	5/12/98	Soane et al.	204	454	3/13/96
an	A26	5,795,457	8/18/98	Pethig et al.	204	547	06/05/95
an	A27	5,858,195	1/12/99	Ramsey	204	601	08/01/99
an	A28	5,006,749	04/09/91	White	310	323	10/3/89
an	A29	5,427,663	06/27/95	Austin	204	180.1	6/8/93
an	A30	5,296,114	3/22/94	Manz	204	180	11/30/92
an	A31	5,344,535	9/6/94	Betts et al.	204	183.1	4/27/93
an	A32	5,569,367	10/29/96	Betts et al.	204	547	4/15/93
an	A33	5,569,591	10/29/96	Kell et al.	435	29	7/21/94
an	A34	5,683,569	11/4/97	Chung et al.	205	775	2/28/96
an	A35	5,814,200	9/29/98	Pethig et al.	204	547	3/31/94
an	A36	5,849,486	12/15/98	Heller et al.	435	6	9/27/95
an	A37	5,948,328	9/7/99	Fielder et al.	264	5	2/23/95
an	A38	5,993,631	11/30/99	Parton et al.	204	547	7/8/97
an	A39	6,017,696	1/25/00	Heller et al.	435	6	7/7/94
an	A40	6,027,623	2/22/00	Ohkawa	204	450	4/22/98
an	A41	6,051,380	4/18/00	Sosnowski et al.	435	6	12/5/97
an	A42	6,068,818	5/30/00	Ackley et al.	422	50	1/29/99
an	A43	6,071,394	6/6/00	Cheng et al.	204	547	1/30/98
an	A44	6,084,503	7/4/00	Ruile et al.	348	10.1	3/18/96

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A. Negredo

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an	A45	6,099,803	8/8/00	Ackley <i>et al.</i>	422	68.1	2/20/98
an	A46	6,113,768	9/5/00	Fuhr <i>et al.</i>	204	643	12/23/94
an	A47	6,129,828	10/10/00	Sheldon, III <i>et al.</i>	204	518	9/6/96
an	A48	6,149,789	11/21/00	Benecke <i>et al.</i>	204	547	7/27/95
an	A49	6,156,181	12/5/00	Parce <i>et al.</i>	204	600	10/26/98
an	A50	6,169,394	1/2/01	Frazier <i>et al.</i>	324	71.4	9/18/98

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
an	B1	WO 97/34689	9/25/97	PCT	B01J	19/00	ABSTRACT
an	B2	WO 98/04355	2/5/98	PCT	B03C	5/00	ABSTRACT
an	B3	WO 99/62622	12/9/99	PCT	B01D	57/02	ABSTRACT
an	B4	WO 00/69565	11/23/00	PCT	B03C	5/02	ABSTRACT
an	B5	WO 01/05511	1/25/01	PCT	B03C	5/02	ABSTRACT
an	B6	WO 01/05512	1/25/01	PCT	B03C	5/02	
an	B7	WO 01/05513	1/25/01	PCT	B03C	5/02	
an	B8	WO 01/05514	1/25/01	PCT	B03C	5/02	
an	B9	DE 3931851 A	4/11/91	Germany	B01D	7/02	

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
an	C1	Fluri <i>et al.</i> , "Integrated capillary electrophoresis devices with an efficient postcolumn reactor in planar quartz and glass chips," <i>Anal. Chem.</i> , 68:4285-4290, Dec. 1996.
an	C2	Latta, "Miniaturization, parallel processing come to lab devices," <i>The Scientist</i> , Internet: www.the-scientist.library.upenn.edu, Sept. 1997.
an	C3	Li and Harrison, "Transport, manipulation, and reaction of biological cells on-chip using electrokinetic effects," <i>Anal. Chem.</i> , 69:1564-1568, Apr. 1997.
an	C4	"Platform technology may have broad applicability for facilitating preparation and analysis of DNA/RNA from mixed cell test samples," <i>Nature Biotech.</i> , Internet: www.nanogen.com, 1998.
an	C5	Schmalzing <i>et al.</i> , "DNA typing in thirty seconds with a microfabricated device," <i>Proc. Natl. Acad. Sci. USA</i> , 94:10273-10278, Sept. 1997.
an	C6	"Technology," <i>Nanogen</i> , Internet: www.nanogen.com, Nov. 1998.
an	C7	Fiedler <i>et al.</i> , "Dielectrophoretic sorting of particles and cells in a microsystem," <i>Anal. Chem.</i> , 70:1909-1915, 1998. May 01, 1998
an	C8	Fuhr <i>et al.</i> , "Positioning and manipulation of cells and microparticles using miniaturized electric field traps and travelling waves," <i>Sensors and Materials</i> , 7:131-146, 1995. *
an	C9	Milner <i>et al.</i> , "Dielectrophoretic classification of bacteria using differential impedance measurements," <i>Electronics Letters</i> , 34:66-68, 1998. *
an	C10	Nishioka <i>et al.</i> , "Micro manipulation of cells and DNA molecules," <i>J. Electrostatics</i> , 35:83-91, 1995. *
an	C11	Washizu, "Electrostatic actuation of liquid droplets for microreactor applications," <i>IEEE Transactions on Ind. Appl.</i> , 34:732-737, 1998. July/August
an	C12	Cheng <i>et al.</i> , "Preparation and hybridization analysis of DNA/RNA from <i>E. coli</i> on microfabricated bioelectronic chips," <i>Nature Biotech.</i> , 16:541-546, June, 1998.

4 month unknown

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A. H. Hagerola

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